

Listing of Claims

This listing replaces all prior versions of the claims and shows the current amendments.

1. (Currently amended) In a multi-user computer system, a method of controlling the creation of a user session, comprising processing a log-on request entered by a user at a terminal, wherein the creation of the user session is halted when more than a maximum number, maintained in the multi-user system as a variable that can be adjusted in the multi-user computer system, of log-on requests are being processed simultaneously.
2. (Original) A method according to claim 1, wherein the creation of a user session is resumed when the creation of another user session has been completed.
3. (Original) A method according to claim 2, wherein each log-on request is assigned a slot at a certain position in a waiting queue of currently pending requests, wherein the log-on request is assigned to a next slot in the waiting queue when a user session has been created.
4. (Original) A method according to claim 3, wherein information on the position of the log-on request in the waiting queue is displayed to the user.
5. (Original) A method according to claim 3, wherein a user session of which the creation cannot be completed is detected, and the log-on request to create the users session is removed from the waiting queue.
6. (Original) A method according to claim 5, wherein a slot to which a log-on request has been assigned is continually updated with information regarding the creation of the requested user session, and wherein a log-on request is removed from the slot to which it has been assigned if the slot is not updated.
7. (Original) A method according to claim 1, wherein a user is provided with an option to cancel a log-on request when the creation of the user session is halted.

8. (Original) A method according to claim 7, wherein a user is provided with an option to cancel a log-on request together with the information displayed to the user.
9. (Original) A method according to claim 1, wherein statistics relating to the creation of user sessions during a certain time interval are updated when the creation of a user session has been completed.
10. (Currently amended) A multi-user computer system, comprising at least one terminal for a user to enter a log-on request for creation of a user session, wherein the system further comprises means for determining the number of log-on requests simultaneously being processed, and means for halting the creation of the user session if the number of log-on requests simultaneously being processed exceeds a maximum number, maintained in the multi-user system as a variable ~~in the multi-user computer system~~that can be adjusted.
11. (Previously presented) A multi-user computer system according to claim 10, comprising a waiting queue with active slots and wait slots, wherein the number of active slots equals the maximum number, further comprising means for assigning each log-on request to a slot at a certain position in the waiting queue.
12. (Previously presented) A multi-user computer system according to claim 11, comprising means for assigning a log-on request to a next slot in the waiting queue when a user session has been created, wherein assignment of a log-on request to an active slot triggers the system to resume the creation of the requested user session
13. (Previously presented) A multi-user computer system according to claim 11, comprising means for adjusting the number of active slots.
14. (Currently amended) A computer program for controlling the creation of a user session in a multi-user computer system, comprising computer-readable instructions for performing the tasks of processing a log-on request entered by a user at a terminal, determining the number of log-on requests simultaneously being processed and halting the creation of the user session when more

than a maximum number, maintained as ~~a~~ an adjustable variable in the multi-user computer system, of log-on requests are being processed simultaneously.

15. (Previously presented) A computer program according to claim 14, comprising computer-readable instructions for performing the tasks of assigning each log-on request to a slot at a certain position in a waiting queue of currently pending requests, and assigning the log-on request to a next slot in the waiting queue when a user session has been created.

16. (Previously presented) A computer program according to claim 15, comprising computer-readable instructions for performing the task of displaying information on the position of the log-on request in the waiting queue to the user.

17. (Previously presented) A computer program according to claim 15 comprising computer-readable instructions for performing the tasks of detecting a user session of which the creation cannot be completed, and removing the log-on request to create the user session from the waiting queue.

18. (Previously presented) A computer program according to claim 14, comprising computer-readable instructions for performing the task of adjusting the maximum number of log-on requests.